

weberkol XL flex plus

Polymer added very flexible tile adhesive mortar with reduced slip, extended open time and improved with additional qualities

Technical Data Sheet:
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■ Description

Polymer added very flexible tile adhesive mortar with reduced slip, extended open time and improved with additional qualities.

■ Reference standards

- TS EN 12004/C2 TES2 class
- CE
- Public Works Pos No: 04.013/104.013/4

■ Advantages

- High performance with superlastic property.
- Safe and durable adhesion on tile applications on existing tile, swimming pools, heavy traffic floors, heating floors, primed plaster substrates.

■ Range of application

•Used for fixing ceramic, granite ceramic, marble, granite and similar coating materials at interior and exterior walls and floors

■ Application substrates

- Interior walls;
- Cement based render,
- Concrete,
- Gypsum board and gypsum plaster (**weberprim ART** applied),
- Existing tile
- Interior and exterior floors;
- Cement based screed,
- Concrete floor,
- Existing tile
- On exterior walls;
- Cement based render,
- Concrete,
- Existing tile and glass mosaic (**weberprim TG** or **weberprim ADR** applied).
- Swimming pools; cement-based plaster or screeds, concrete.
- Please consult us for all other application substrates.

■ Preparation of substrates

- The surface should be dry, smooth and durable.
- Plasters thinner than 3 mm on the substrate should be scraped and cleaned thoroughly.
- Porous substrates should be wetted. Wait until the water layer disappears as the floor will remain damp.
- Important deformations or holes on the substrate should be repaired with **weberep** structural repair mortars minimum 24 hours before the application of **weberkol XL flex plus**.
- Local repairs thinner than 7 mm can be done by use of **weberkol XL flex plus**.

■ Conditions of application

- Ambient temperature is between +5 °C and +35 °C.
- It should not be used on substrates which are frozen or melting or have the risk of frost within 24 hours.
- Avoid application under direct sunlight, strong wind or hot surfaces.
- Avoid film formation by **weberkol XL flex plus** during application, if film is present, that area should be notched again.

■ Application

- For grey color average 6,75-8,5 lt, for white color average 6,5-7,5 lt of water and 25 kg. **weberkol XL flex plus** should be mixed with low-speed mixer preferably or trowel until no more lump will remain.
- After aging **weberkol XL flex plus** for 5 minutes, it should be mixed for further 1-2 minutes before application.
- The mortar should be applied on the substrate and its thickness should be adjusted with steel notched trowel. Tooth size of trowel should be adjusted according to dimensions of tile and smoothness of application substrate.
- Mortar should be applied on both application substrate and behind the ceramics with below-mentioned sizes (back buttering).
- For granite ceramic, natural composed stone, etc.;
- **Interior floor applications:** 20x25 cm
- **Interior floor applications:** 10x10 cm
- For ceramic, tile etc.;
- **Interior wall and floor applications:** 40x40 cm
- **In all exterior, wall and floor applications.**
- For good adhesion force should be applied by means of rubber hammer and air should be ejected.

■ Application tools

Hand mixer, trowel, rubber hammer, steel notched trowel

■ Consumption

weberkol XL flex plus	4-6 kg./m ²
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The stated times apply for 20 °C substrate and ambient temperature and increase at lower temperatures and decrease at high temperatures. , Saint-Gobain Weber Yapı Kim. San. ve Tic. A.Ş. is not responsible for the application errors arising from use of product beyond its intended purpose or failure to comply with the foregoing application conditions and advice on the product.

Attention Points

- Not applicable on metal surfaces (**weber EP 800** should be used).
- On exterior walls ceramic up to 30x60 cm is not applied more than 6 m, 30x60 cm and 60x60 cm applied to more than 3 m.
- Not applicable on thermal insulation system (**weberkol flex extra or weberkol flex extra konfor** should be used)

Technical Information

Product	weberkol XL flex plus
Product Type	Powder
Colour	White and Grey
Packaging	25 kg kraft bag (64 bags in pallet, 1600 kg)
Application features	
Pot life	Max 4 hours
Open time	Max. 30 minutes
Adjustability	Max. 20 minutes
Time required for grouting	24 hours (wall and floor)
Time required for foot traffic	24 hours (for floors subject to heavy traffic, 1 week).

Legal Warning

Since there are different conditions and requirements that apply in any case, Saint-Gobain Weber Yapı Kimyasalları San. ve Tic. A.Ş. cannot be liable for other than the information provided in this product datasheet.

Safety Precautions

- Use the appropriate safety equipment (dust mask, gloves).
- Protect your eyes / face.
- Avoid contact with eyes and skin.
- In case of contact with eyes, rinse immediately with plenty of water and consult a specialist.
- Read the Material Safety Data Sheet for more detailed

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Performance	
High tensile adhesion strength after heat aging	≥ 1 N/mm ²
High tensile adhesion strength after freeze-thaw cycles	≥ 1 N/mm ²
High tensile adhesion strength after heat aging	≥ 1 N/mm ²
Extended open time:tensile adhesion strength(min.30 minete after	≥ 1 N/mm ²
Transverse deformation	S2 ≥ 5 mm
Slip	≤ 0,5 mm
Heat resistance	-15°C and +70 °C.

These values were obtained as a result of laboratory tests and they are valid for 28 days performance of finished applications. Values may vary due to differences on job-sites.

Storage

Packaging	• 25 kg kraft bag (64 bags in pallet, 1600 kg).
Shelf life	• 1 year as of the production date in dry and moisture- free environment provided that packages will not be opened. • Package should be kept tightly closed when not in use. Package should be protected against frost.

Access detailed documentation of the product by scanning QR or tr.weber

